



SIERRA
CLUB
FOUNDED 1892

Explore, enjoy and protect the planet.

TheMackinac

Quarterly Publication of Michigan's Sierra Club • August - October 2004



MICHIGAN ENERGY
Challenges and Opportunities

Our Environmental Responsibilities

WE HAVE THE POWER TO CHOOSE CLEANER ENERGY

by Anne Woiwode, Mackinac Chapter Director

Gentle breezes drift across our screen porch under the shade of a maple tree, providing relief on a hot summer day. A “green roof” of sedum growing over the adjacent living room converts the blazing sun into plant food instead of heat, cooling the room more pleasantly than any air-conditioning unit. The super-insulated walls and ceiling hold the coolness all day.

In winter, these walls keep us warm with the same furnace we had before adding the four-hundred square feet to our home. The low winter sun shines through the bare branches of the maple into the south- and east-facing windows, bringing light and warmth deep into the house, where the slate floor helps hold the heat. On the north side the garage and a front door airlock block the cold winds and dramatically increase the comfort level.

Working with Lansing-area green builder Gene Townsend as we built a green addition last year, we learned how simple choices influence the amount of energy we consume. Gene explained that every decision, from site selection to building materials to appliances, involves energy choices, both in energy used to make the materials and energy used by those living here.

Small energy choices are made hundreds of times each day, yet many of us don't consider how our choices help shape future policies for the nation and the world. Sierra Club members understand that the choice to buy more energy-efficient cars is a choice for the environment, and we advocate both regulations and market forces to promote that agenda. Many other energy-saving choices, however, are overlooked, even those that dovetail with other environmentally sound choices. This issue of *The Mackinac* offers several articles about many energy policy choices we face today in Michigan, and provides suggestions on how you can help. Personal choices are a good place to start.

For instance, have you ever thought about the total number of calories consumed in producing and delivering the food you eat? Calories are not just used to measure the energy contained in food; they are the units used to measure energy in any fuel or source of power. Food grown locally and then sold at farmers' markets not only tastes better, but your purchase of local beef, eggs, tomatoes or apples also saves fossil fuels consumed in the transport and refrigeration needed to get that food to you.

The interest in buying locally-grown foods often springs from concern for protecting farmland,

getting more of our food dollars to the farmer, and fighting polluting animal factories. Another urgent reason for buying locally, however, is to reduce our dependence on fossil fuels. One way to highlight this choice might be to place a sign in the produce aisle stating that the sale of grapes from Chile may lead to drilling in the National Arctic Wildlife Refuge or the Mason Tract on the Au Sable River. But of course this is seldom spelled out. (For more on energy and food sustainability, check out Martin Heller's article, “Cheap food? I'm not buying it,” on the Huron Valley Group's webpage, at <http://michigan.sierraclub.org/huron/foodchoices.htm>.)

Mercury contamination from coal-fired power plants and new proposals for plants in Michigan have generated concern and attention, but our own choices are not always discussed. From instant-on televisions to personal computers to empty parking lots that remain lit all night, we tend to take electricity use for granted. But we shouldn't, and we don't have to. Your personal choices and actions can help reduce our energy problems, whether by purchasing Energy Star appliances (look for the Energy Star logo and visit www.energystar.com) or by asking the Bush administration to control mercury from power plants. You can write to the Public Service Commission to demand public utilities increase conservation practices instead of building new plants, or teach your family to turn off appliances and lights when they are not in use. Each choice, no matter how small it may seem, can have a ripple effect on the energy we consume.

The most important choices you will make in shaping our energy future, however, will be in the voting booth on November 2. At every level of government—from local officials deciding on land use to the President—choices are made that will set the energy future of the planet. Your choice could make a world of difference for energy use in this country.

The Sierra Club Mackinac Chapter's website will provide both voting charts on state level races and Sierra Club's endorsements in races throughout Michigan and nationwide.



PHOTO: ANNE WOIWODE

Pete Woiwode plays with Fenwick on the “green roof” of the Woiwode family home.

Small energy choices are made hundreds of times each day, yet many of us don't consider how our choices help shape future policies for the nation and the world.

TheMackinac

QUARTERLY PUBLICATION OF MICHIGAN'S SIERRA CLUB
AUGUST - OCTOBER 2004

MACKINAC CHAPTER OFFICE

Phone: 517-484-2372

Fax: 517-484-3108

Email:

mackinac.chapter@sierraclub.org

Website:

<http://michigan.sierraclub.org>

MACKINAC EDITOR

Eric Lagergren

CONTRIBUTING EDITORS

Sherry Hayden

David Holtz

Anne M. Woiwode

LAYOUT/DESIGN

Davina Pallone

ADVERTISING & BUSINESS MANAGER

Sheldon Green

CALENDAR EDITOR

Cheryl McConnell

EDITORIAL BOARD

Kathy Boutin-Pasterz

Lydia Fischer

Sherry Hayden

David Holtz

Davina Pallone

Anne Woiwode

The Mackinac © Copyright 2004, The Mackinac Chapter Sierra Club (USPS 396610) (ISBN 0744-5288). The Mackinac is published quarterly (February, May, August, November) by the Sierra Club's Mackinac Chapter, 109 East Grand River Ave., Lansing, MI 48906. Periodical postage will be paid in Lansing, MI and at additional offices.

POSTMASTER: Send address changes to *The Mackinac*, Sierra Club, 109 East Grand River Avenue, Lansing, MI 48906.

Annual dues for the Sierra Club are \$35, of which \$1 is for a subscription to *The Mackinac*. Non-member subscriptions are available for \$10 per year from the Mackinac Chapter office.

The Mackinac reaches more than 20,000 members and friends of the Sierra Club in Michigan. Both display and classified advertising is accepted. For a current ad rate card, contact: Sheldon Green, 1123 Figg, Frankfort, MI 49635-9151; sheldonjulie@hotmail.com; 231-352-4931. We reserve the right to refuse advertising that we feel conflicts with the goals and purposes of the Club.

Bylined articles represent the research and opinions of the author and not necessarily those of the Sierra Club or the Mackinac Chapter.

Sierra Club's sexual harassment policy can be found online at <http://mitchell.sierraclub.org/leaders/policies/sexual-harassment.asp> or by contacting the Lansing office.



PRINTED ON RECYCLED PAPER WITH SOY INKS

2004 Focus: Energy

- 2 OUR ENVIRONMENTAL RESPONSIBILITIES: WE HAVE THE POWER TO CHOOSE CLEANER ENERGY
- 9 FUEL-EFFICIENCY IN THE FAST LANE: WILL CONSUMER DEMANDS FOR HYBRID VEHICLES ALTER AMERICA'S AUTOMOTIVE LANDSCAPE?
- 12 BUILD NEW POWER PLANTS? LET'S THINK AGAIN
- 13 TONDU DENIED: CLUB MEMBERS HELP DEFEAT BIG COAL IN MANISTEE



PHOTO: MONICA EVANS

Alice and Madeline Mummy (foreground) and Kurt and Claire Harvey (background) attended a protest against the Tondou coal-fired power plant in Manistee. See page 13 for more about this successful fight.

Cover: A wind turbine installed by Traverse City Power and Light.

Activism & Education

- 4 CAPITOL WATCH 2004
- 5 DEMOCRACY: BEYOND VOTING
- 6 LITIGATION UPDATE
- 7 ANNEX 2001: KEEPING THE GREAT LAKES GREAT
- 8 WATER SENTINELS UPDATE
- 9 MDEQ CONVENES MINING REGULATION WORK GROUP
- 11 ARE THE NATION'S YOUTH EXPERIENCING AN ENERGY CRISIS?
- 15 FOREST POLICY UPDATE

Chapter News & Info

- 10 CHAPTER FUNDING UPDATE
- 15 CALL FOR CANDIDATES FOR THE MACKINAC CHAPTER ELECTION
- 14 2004 MACKINAC CHAPTER FALL RETREAT: THERE'S STILL TIME TO REGISTER!
- 22 RESOURCES FOR ACTIVISTS
- 22 UNCLASSIFIEDS
- 23 CHAPTER DIRECTORY

Meetings & Outings

- 18 GROUP MEETINGS & PROGRAMS
- 20 MACKINAC CHAPTER OUTINGS

NEXT DEADLINE: OCTOBER 1

SEND ARTICLES & PHOTOS TO: Eric Lagergren, 517-896-5321, eric@eblwrite.com
122 Stoddard Avenue Apt B, East Lansing, MI 48823-4633

SEND MEETINGS & OUTINGS TO: Cheryl McConnell, 517-552-1464, mcconnell_cheryl@yahoo.com

Capitol Watch 2004

DIOXIN AND THE MDEQ BUDGET: A DEADLY MIX

by Anne Woiwode, Mackinac Chapter Director

The Michigan House of Representatives' record on environmental protection, as it left for summer break, is among the worst in the 40 years since Michigan adopted its constitution mandating protection of our environment. Key legislators in both the Senate and House have used the Legislative process as a way to protect polluter interests, at the expense of Michiganders' deep commitment and support for protection of the environment. But the acquiescence to the anti-environmental agenda by the majority of Michigan House members has allowed extremists to dominate the legislative arena this year.

Most telling was the handling of funding for Michigan's environmental protection programs. The Michigan Department of Environmental Quality's (MDEQ's) professional staff enforces laws to stop pollution, inspects the trash coming into Michigan, assures that wetlands and sand dunes are identified and protected, and performs thousands of other tasks to assure our public health, natural resources and quality of life are protected. General tax funding of this work had dropped precipitously in recent years, from \$101 million in FY 2001, to \$53 million in FY 2004, to \$38 million for FY 2005 in the Governor's proposal this year, SB 1066.

Senate cuts in SB 1066 will limit enforcement actions by MDEQ personnel, as well as funding for the Air Quality Division. These disturbing actions were significantly overshadowed by the House, however, where steps taken by MDEQ to clean-up of one of the worst instances of contamination of a community in Michigan prompted the worst of the House's anti-environmental agenda.

In late May a MDEQ plan to test for dioxin contamination of residential properties along the Tittabawassee River caused by the Dow Chemical Company sparked a huge and raucous public meeting with MDEQ Director Steve Chester. Pro-Dow interests had been organizing and rabble-rousing to encourage the victims along the Tittabawassee to oppose MDEQ efforts to identify the extent of contamination so that clean-up could begin. In

addition to claiming MDEQ is not using "sound science," the pro-Dow organizers failed to explain that their efforts could force private owners to carry the burden of clean-up and would let the responsible parties off the hook. Chester faced a mostly hostile crowd of 1,500 and stood up for the MDEQ professionals' recommendations. MDEQ has continued to work to bring about a plan for testing and clean-up of dioxin in this area.

The commitment of Steve Chester and the MDEQ to protect the health and well-being of the people of Michigan, however, was met in the House Appropriations Subcommittee on Natural Resources and Environment with an assault on the MDEQ budget. Subcommittee Chairman John Pastor had already established his abhorrence of the MDEQ, which started with a spat over a wetlands permit when he was in the private sector. Despite Pastor's notorious anti-environmental position, Speaker Rick Johnson appointed Pastor to head this Subcommittee, which has tremendous control over the work of protecting the environment. On the Subcommittee as well was Representative John Moolenaar of Midland, who used this forum to assault environmental program funding.

The House Appropriations Subcommittee passed a version of SB 1066 that cut the MDEQ's overall budget by 15 percent above the Senate cuts, including a targeted 15 percent pay cut for Director Chester; eliminated the Hazardous Waste Division of the MDEQ, which oversees

extensive program activities and that would cost the state \$6 million in federal funds; and imposed an additional reduction by 8 percent in MDEQ staff. The House Appropriations Committee approved \$800,000 from Michigan's Clean Michigan Initiative to pay costs for investigating the contamination. Dow normally would be required to absorb those costs. While the Hazardous Waste Division was restored in the House-passed version of SB 1066, the other cuts remain in place.

As we go to press, SB 1066 is in a conference committee of House and Senate members and may be voted on shortly after the Primary Election. The delay in action on the budget means the Legislature could take other punitive steps against the MDEQ for protecting the environment. While the Governor can veto line items or the entirety of any budget bill, she will not be able to add funds or restore programs eliminated in the version of the bill that comes to her desk.

The Mackinac Chapter has posted on its website a voting chart of key environmental votes in the House during this two-year session. We encourage you to review the record for your district and hold your Representative accountable for his or her record this year. Further, write your Senator and Representative and give them kudos or express disappointment on this vote or on their whole record. It sends a clear message that their actions toward the environment have an impact on their constituents.

Democracy: Beyond Voting

by Gayle Miller, Conservation Program Coordinator

What does “democracy” mean to you? For many people, the term implies participating in a system for selecting representatives who make decisions for us within a free and civil society. For the majority of Americans, this is all that democracy means: we cast our ballot in the voting booth every couple of years and hope for the best.

This is tragic, because in order for a democracy to work well, we need to do more than just vote. As citizens, most of us (including this author), have not fully participated in democracy. We reap the benefits of our democratic society, but we fail to give back to that same system.

Over the course of the last few years, however, it has become clear that democracy status quo is failing the environment. At best, the environmental issues we care about are being neglected by our state and federal governments. At worst, long-established laws protecting air, water and natural spaces are under attack.

As a result, a growing number of people feel that voting is no longer enough. Frustration and anger are prompting citizens to “give back” to democracy by getting more involved in the democratic system. This doesn’t mean you have to run for political office. There is a “middle ground” where regular citizens can make a big difference. For a legislator in Michigan these days, a few dozen citizen contacts on a single issue can be considered a huge outcry.

This fall, the Sierra Club will help empower concerned citizens to get more involved in democracy. Read on to find just a few simple things that you can do beyond voting that can and will make a difference.

We hope you’ll join us as we help us make democracy work for the environment!

MACKINAC ACTION NETWORK: BEING ACTIVE HAS NEVER BEEN EASIER

Over one hundred Michigan Sierra Club members and supporters are currently involved in the Chapter’s District Watchdog program, a group of vocal individuals interested in state legislation or rule-making that affects the environment here in Michigan.

When the legislature considers a bill that might impact the natural environment, Watchdogs put pressure on decision-makers to encourage the best outcome via phone calls, letters or email.

Now Watchdogs have a new tool to make being active easier: an on-line email action alert system called the Mackinac Action Network. With this system, the Mackinac Chapter will be able to more accurately target officials in specific house or senate districts, more carefully track the impact of our contacts, as well as conduct follow-ups with Watchdogs who take action. Members can send customizable email messages to targeted decision-makers with a single click.

This new system is a tremendous leap forward in the Sierra Club’s ability to mobilize caring citizens on behalf of Michigan’s environment. If you’ve been thinking that you need to do more than just vote, sign up to be a Watchdog! To sign up or request additional information, contact Gayle Miller, 517-484-2372 or visit the Action Alert Website: <http://mackinac.sierraclubaction.org>.

LOBBY DAY ALERT

Mark your calendars! The Mackinac Chapter’s fall Lobby Day event will take place in Lansing on Wednesday, September 22. All Sierra Club members are invited to attend. Lobby Day is an empowering exercise in democracy that benefits both legislators and Sierra Club members who become volunteer lobbyists for the environment.

Last spring, over 40 Sierra Club members and friends converged at the Capitol to meet with legislators. Participants urged leaders to vote pro-environment on bills concerning state forests, trash imports, factory farms, water discharge fees and lead paint.

Our fall event will take place just before the fall elections, when Legislators are very aware of the public interest in their work in Lansing. Your input will also carry over into the “lame duck” session, where anything can happen—so we want to be there to make sure legislators clearly understand the issues and vote pro-environment!

Key issues for this Lobby Day will be sulfide mining and factory farms. For more information or to sign up for Lobby Day, contact Gayle Miller, gayle.miller@sierraclub.org or 517-484-2372.

TIPPING THE BALANCE

As a citizen, there are numerous ways you can encourage your representatives in the House or Senate to vote pro-environment. Getting to know them is a good start. Provide them with quality information about issues you care about. Thank them for good votes and express your disapproval for bad votes.

But what happens when your elected officials are staunchly anti-environmental and nothing you can say or do makes a difference? Then it’s time to look for new leadership.

This fall, the outcome of numerous House races will be critically important to the environment. A number of currently anti-environmental districts are up for grabs in November—where pro-environment candidates stand a real chance of winning. In addition, a number of incumbents who have been friends of the environment face challenges from less-caring candidates. Claiming these seats for the environment could tip the balance when Michigan is considering critical environmental legislation.

Help us bring about environmental victories in the House! If you’re ready to do more than vote... if you’re ready to do more than just complain about the leadership in your district, then attend one of these workshops and get involved!

Litigation Update

by Anne Woiwode, Mackinac Chapter Director

SIERRA CLUB JOINS LAWSUIT TO PROTECT MICHIGAN TRASH LAWS

On May 17 the Sierra Club filed a motion in the Federal District Court of Eastern Michigan seeking to protect Michigan's recently-passed landfill laws. Sierra Club requested to be added as a party to a lawsuit brought by the National Solid Waste Management Association (NSWMA). The lawsuit challenges the constitutionality of the laws. As we go to press the court has not ruled on the Sierra Club's intervention but the Club is providing amicus filings in the case, including on a motion by the state to dismiss the case.

"These laws are a critical first step in protecting Michigan's citizens from the health and environmental hazards posed by Michigan's ever-expanding landfills," said Gayle Miller, Conservation Program Coordinator for the Sierra Club's Mackinac Chapter. The new laws dramatically improve the environmental standards and enforcement tools available to the state for overseeing existing landfills, as well as placing a two-year moratorium on new landfill construction. According to Ms. Miller, "the laws minimize volume and reduce the toxicity of solid waste, both preserving valuable landfill space and protecting Michigan from pollution."

NSWMA has asked the Court to invalidate the laws as beyond the State's authority under the federal and Michigan constitutions. The lawsuit could have wide-ranging effects on the ability of Michigan and other states to pass laws governing solid waste disposal. "Especially with an administration in Washington D.C. that cares so little for the health and safety of common Americans, it's vitally important that Michigan retain the ability to protect its citizens," said Sanjay Narayan, staff attorney for the Sierra Club.

The case has been assigned to federal District Court Judge George E. Woods.

MICHIGAN SUPREME COURT UPHOLDS ACCESS TO COURTS TO DEFEND ENVIRONMENT

The Michigan Environmental Protection Act (MEPA) has been at the heart of environmental protection efforts in Michigan courts in the 34 years since it was enacted. The law implements the environmental protection provisions of the Michigan Constitution that prohibit pollution, impairment and destruction of the environment, and also allows anyone to sue in Michigan courts to protect Michigan's environment. A recent decision by the Michigan Supreme Court has upheld the right of organizations such as Sierra Club to bring lawsuits on behalf of our members to

defend Michigan's environment. The issue of "standing" arose in a case brought by the National Wildlife Federation (NWF) to block a permit issued to the Cleveland Cliffs Iron Company. While the Court decision was unanimous in upholding the right of NWF to bring the lawsuit to defend the environment, the individual justices came to that conclusion in very different ways, raising some concerns that these decisions signal future outcomes that might limit a citizen's rights under MEPA. Sierra Club joined with many other environmental organizations and individuals to file amicus briefs supporting NWF in this case.

BLACK PARROT PADDLING, LLC.

Seakayaking Instructional Centre

*ACA/BCU Certified Instruction
Beginner and Intermediate Classes*



**Check our web site for our schedule:
www.blackparrotpaddling.com
or call (734) 878-3689
Pinckney, Michigan**

ADVERTISE IN THE MACKINAC AND REACH 20,000 HOUSEHOLDS IN MICHIGAN! CALL 231-352-4931 FOR OUR RATE CARD, OR EMAIL SHELDONJULIE@HOTMAIL.COM.

Annex 2001: Keeping the Great Lakes Great

by Emily Green and Amy Roanhaus, Sierra Club Midwest Office

Rainfall and snowmelt annually replenish only about one percent of the water in the lakes and rivers that make up the Great Lakes. The other 99 percent of water in the lakes is finite, nonrenewable. It is a slow rate of recharge, and it's what makes the Great Lakes fragile and susceptible to long-term ecological damage. The Great Lakes are one of the natural wonders of the world and it is our responsibility to protect them. They are a place we call home and resource for us to use and protect—they are the heart of the ecosystems that we rely on for life and a gift of nature whose beauty and bounty enrich our lives and identify our region.

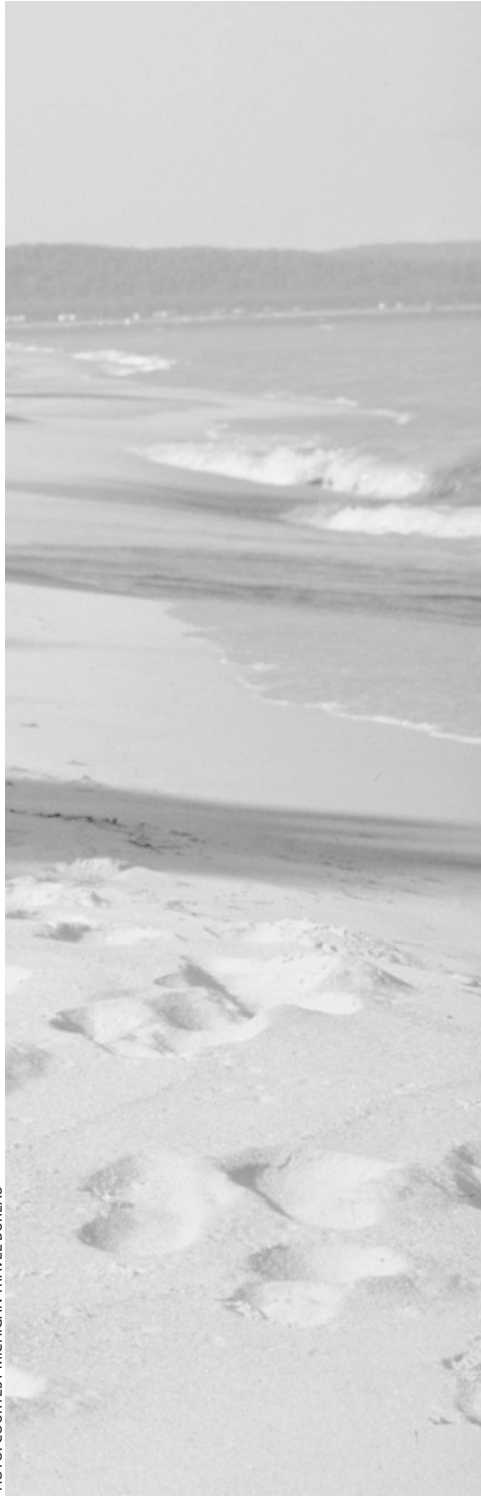


PHOTO: COURTESY FOUR TOWNS CITIZEN ACTION TEAM
PHOTO: COURTESY MICHIGAN TRAVEL BUREAU

In 1998, a private Canadian company, the Nova Group, proposed to ship water from Lake Superior to Asia in tankers. The company was planning to process it and sell it as bottled water. A huge public uproar—from both Canada and the U.S.—persuaded Ontario to cancel the permit for the water withdrawal. This incident made it clear that we needed to develop strong and protective standards for the use of Great Lakes water.

The Governors of the eight Great Lakes states—Minnesota, Wisconsin, Illinois, Indiana, Ohio, Michigan, New York and Pennsylvania—as well as the Canadian Premiers of Quebec and Ontario are now in the process of negotiating the Great Lakes Charter Annex, better known as Annex 2001. The agreement was created to strengthen the regulations that protect the Great Lakes basin from harmful water diversions and withdrawals. Under Annex 2001, the governors and premiers have promised to develop a new common standard against which water withdrawals will be reviewed. This new agreement will bind the Great Lakes states and provinces more closely to collectively plan, manage and make decisions regarding the protection of the waters of the Great Lakes.

The agreement was released in July for 90 days of public review and comment. The draft agreement establishes three basic standards

for all new or increased water withdrawal or diversion proposals.

- According to the draft Great Lakes Charter Annex, the withdrawal or diversion must cause “no significant adverse individual or cumulative impacts to the quantity or quality of the Waters and Water-Dependent Natural Resources of the Great Lakes Basin.” This includes all surface and tributary ground water in the basin.
- The person or company must implement water conservation measures and must return any water that is not consumed back to the major watershed from which it was taken.
- The person or company using the water must provide a plan that will lead to “improvement to the Waters and Water-Dependent Natural Resources of the Great Lakes Basin” (Great Lakes Charter Annex).

The Sierra Club supports the goals set forth in the Great Lakes Charter Annex and believes that this agreement has the potential to protect Great Lakes water from overuse, sale and export. However, we have some concerns and will be working to strengthen and improve certain sections. We cannot allow this precious vulnerable resource to be sold to public or private entities because of loopholes or ineffective enforcement.

We urge all members to get involved and comment on the future of our Great Lakes! If you would like to help or want more information, contact Emily Green, emily.green@sierraclub.org or 608-257-4994, at the Sierra Club Midwest Office.

A Lake Michigan beach in Leland, Michigan

VOLUNTEERS BEGIN WATER TESTING IN THE YELLOW DOG PLAINS

by John Rebers, Chair, Central U.P. Group, and Rita Jack, Water Sentinels Project Director



PHOTO: RITA JACK

Salmon-Trout River headwaters in the Yellow Dog Plains

At our site on the Yellow Dog River near Bob Lake, we checked water depth and temperature, and then the real fun began! Everyone used dip nets to collect aquatic critters from the bottoms of rocks and from beneath undercut stream banks.

OTHER MICHIGAN WATER SENTINELS PROJECTS

While we don't have projects in every area of Michigan, there are several ongoing projects that interested Sierra Club members can join.

We've been working in the Pine River in Gratiot and Midland counties for three years, and in the Pinnebog River in Huron County for the past two years. Dates are being finalized in these areas for this September and October.

We also conduct bacteria monitoring year-round downstream of concentrated animal feeding operations (CAFOs) in several areas of the state. New projects will be organized soon in Van Buren and in Monroe counties.

The Yellow Dog Sentinels, part of the Sierra Club Water Sentinels Project, are part of the Mackinac Chapter's multi-faceted approach to address concerns about proposed sulfide mining in Michigan's Upper Peninsula.

The Yellow Dog Sentinels are focusing on the Yellow Dog and the Salmon-Trout Rivers in the Yellow Dog Plains northeast of Marquette. The Kennecott Mining Corporation is exploring mining of sulfide ores, which produce sulfuric acid when exposed to air and water, leading to serious concerns about damage to water quality in the Salmon-Trout and the Yellow Dog rivers. The release of acid could affect fish and other aquatic life directly, and metals such as copper and arsenic found in the rock can be released by the acid mine drainage process.

The first outing for the Sentinels, a water-monitoring training and orientation, was held Sunday, June 13. The seven U.P. Sierra Club volunteers—one from Ontonagon, the rest from Marquette County—were joined by Water Sentinels Project Director Rita Jack, while Joe Wagner, from Central Lake Superior Watershed Partnership, provided expertise on monitoring, U.P. stream ecology, and macroinvertebrate identification. Cynthia Prior, the executive director of the Yellow Dog Watershed Preserve, provided information on the mining issue.

At our site on the Yellow Dog River near Bob Lake, we checked water depth and temperature, and then the real fun began! Everyone used dip nets to collect aquatic critters from the bottoms of rocks and from beneath undercut stream banks. Some of what we collected looked like junk—but Mr. Wagner peeled off layers of small twigs to reveal a caddis fly larva. We also found larvae from stone flies, mayflies, dragonflies, and a blackfly larva. Unfortunately, we discovered more blackflies in the adult stage.

After lunch, Yellow Dog Sentinels gathered for an explanation of how to score the health of a stream based on the type and number of species collected. The afternoon finished with a Yellow Dog Plains circle tour to locate additional monitoring sites.

The more volunteers who help, the more sites we are able to work on! You can join in any time!

For more information on the Yellow Dog project, contact John Rebers, 906-228-3617 or jrebers@nmu.edu. For Yellow Dog and all other Sentinels information, contact Rita Jack, 517-484-2372 or rita.jack@sierraclub.org.

MDEQ Convenes Mining Regulation Work Group

by Marvin Roberson, Forest Policy Specialist

In the late 19th and much of the 20th centuries, mining was the single largest industry in Michigan. Copper in the Keweenaw and iron in the Marquette areas were a major driving force in the Upper Peninsula.

Most of Michigan's mines are closed today, and it has been many decades since a mine opened in Michigan. This is partly due to major deposits playing out, partly due to lower labor costs in South America, and partly due to differing kinds of ore bodies.

In historic copper mines, the copper was of the "float" variety, which meant that large chunks of nearly pure copper could be extracted from the rock. After those had been mined nearly out, what was left were "sulfide" deposits. These deposits are much less pure, and until recently were economically

infeasible to extract. Recent technology has allowed these deposits to be mined profitably. However, sulfide deposits are much more environmentally dangerous than the float deposits—when the deposits are exposed to air or water, sulfuric acid is created and often leaches into surface or ground water.

Since this type of mining has never been done in Michigan, and current mining regulations do not address sulfide mining, this leaves a huge hole in Michigan's mining regulatory structure. With at least four mining companies expressing interest in opening mines of this type in the state, action is needed.

To address this deficiency in regulation, the Michigan Department of Environmental Quality has convened a working group to attempt to craft legislation that will regulate sulfide mining in Michigan. The group consists of environmental groups, mining companies, state regulators, legislators and representatives from areas where mining is proposed.

The group is slated to complete work by September 1. At that point, if all parties have agreed on a draft, it will be presented to the legislature for consideration. It is anticipated that if there is wide agreement, that passage could come fairly quickly.

FUEL-EFFICIENCY IN THE FAST LANE: WILL CONSUMER DEMANDS FOR HYBRID VEHICLES ALTER AMERICA'S AUTOMOTIVE LANDSCAPE?

by David Gard, Energy Policy Specialist, Michigan Environmental Council

America's thirst for oil has produced a familiar litany of woes. Dependence on politically unstable regions, pressure to drill in pristine areas, smog pollution and global warming—these and other realities beg for deep cuts in U.S. oil demand.

Close to home, Detroit lies at the heart of the problem—and, hopefully, the solution. While domestic auto manufacturers long discounted the market consequences of not offering fuel-sipping models, Japanese competitors have jumped to an early lead in deploying hybrid technology. Recent economic events seem to have justified their actions. When gas prices spiked several months ago, sales of gas guzzlers dropped. The number of consumers now wanting to buy hybrids far exceeds available supply. Ford hopes to tap this demand soon with its hybrid Escape SUV. Meanwhile, Toyota and Honda are deploying next-generation technology and will dominate the hybrid market if U.S. firms do not accelerate their own programs. Instead of betting on a hydrogen fuel cell panacea that might not deliver, Detroit should exploit existing fuel-efficient technologies now.

But greater fuel efficiency alone is not enough. Even big gains in gas mileage could be wasted if drivers keep increasing their time on the road. Detroit reflects this irony in its very soul. As the birthplace of motorized personal transportation, it is also an ill-fated case study on the ravages of car-centric land development. Worsened by post-war social unrest, this once vibrant city steadily lost its inner core to outlying suburbs. The automobile became the only link between these bedroom communities

and the urban center. Visionless design—highlighted by restrictive zoning, diffuse building and lack of public transit—forced the need to drive between home, work and community. This shortsighted pattern continues to dominate urban planning in Southeast Michigan and elsewhere. Without fundamental, systemic changes in land use and development, vehicle miles traveled will grow unabated. To lessen the automobile's grasp on our lives, we must be intentional about designing quality of life back into our cities and towns.

The problem is undeniable: our transportation sector consumes far too much energy. The solution, however, is just as clear: driving fuel-efficient cars over fewer miles. Achieving this ambitious, two-part goal will not be reached without public focus and resolve. Such a tough challenge is worthy of America's best imagination and know-how. It will require creative technology and visionary use of our land. Detroit—a city of innovation—is poised to lead on both fronts if it can muster the will to do so.

If you would like further information on this issue, visit www.sierraclub.org (keyword: "transportation issues"); the [Union of Concerned Scientists, www.ucsusa.org](http://www.ucsusa.org); or contact [David Gard, davidmec@voyager.net](mailto:David.Gard@voyager.net) or 517-487-9539 x16.

ChapterFundingUpdate

WILL MORE MONEY MAKE THE SIERRA CLUB MORE EFFECTIVE? AND DO YOU HAVE TO BE RICH TO WIN?

by Sarah Baker

It'd be a lot easier to throw up our hands and say "they've got more money so why even fight?" But if we did that, this wouldn't be the Sierra Club you know, would it?

Founded on the dedicated spirit of a few committed people at the local level, the Sierra Club has led the way to protect natural resources, communities-at-risk, and to keep our air and water cleaner. Much of this work happens around a friend's dining room table, or through a letter-writing campaign, or over the telephone. It's a collective effort and it doesn't happen overnight. But this is grassroots activism, and it has fueled our vibrant organization and resulted in countless victories—both large and small—for the environment.

Money, however, does help. Let's be truthful, financial resources enable activists to get the job done. It takes planning, long-distance phone calls, room rentals and lots of mailings to assure that volunteers can get to Lansing for a day of lobbying our state legislators. It takes money to print and mail informative postcards and to produce and buy time for radio and television advertisements that reach audiences that might never hear our message. And although the Mackinac Chapter requests pro bono legal services whenever possible, it is still expensive to prepare research, hire experts, and pay court costs. These are just a few examples of how your contributions make a difference.

Michigan has received special support to fund a Building Environmental Communities office in Clawson. Today, three organizers in Oakland County and staff in Lansing are reaching out to thousands of people who care about the environment to educate them about the Bush administration's failed policies to protect the environment. People from the Crossroads and Southeast Michigan Group areas are talking about the environment with their neighbors: making phone

calls, knocking on doors, and sending letters to become more active in support of our environment. Our vision has been that this is just the beginning of a ten-year commitment to building grassroots involvement within the Sierra Club.

Participating in this special initiative has been rewarding and has helped the Chapter return to its roots. But we cannot lose momentum. We rely on contributions above and beyond your annual dues to assure that programs like this will be able to continue in the future.

Did you know that an average water sample test costs \$12? And testing alone isn't enough—it's what we do with these results that makes a difference. When a Water Sentinel presents water quality statistics to local polluters, the Department of Environmental Quality and the media or community, we can then motivate action to enforce current laws and demand higher standards and clean-up.

Critical funding is needed right now to prepare for the National Forest Plan revisions. Our forest policy specialist is working to collect essential data, to organize member meetings, and to work with other organizations to prepare a Conservationist's Alternative. It is the Mackinac Chapter's intention to be proactive in the creation of a plan that will affect Michigan's forests for the next fifteen years. Annual contributions to the Chapter will enhance these efforts.

If you would like to learn more about how to give to the Mackinac Chapter, contact Anne Woiwode, 517-484-2372 or anne.woiwode@sierraclub.org.

I WILL MAKE A DIFFERENCE IN MICHIGAN... TODAY!

Yes, I want to increase my investment in The Sierra Club, Mackinac Chapter! Please accept my contribution to help continue the work of the Sierra Club:

- \$35
- \$50
- \$100: Defender
- \$250: Protector
- \$500: Guardian
- \$1000: Lake Huron Club
- Other: \$ _____
- My check payable to Sierra Club, Mackinac Chapter is enclosed
- Please bill my credit card (minimum gift of \$25)
- circle one: in full
monthly
quarterly
semi-annually
- circle one: Visa MC

Card #: _____

Expiration Date: _____

Signature: _____

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____

Please mail this form to the Sierra Club, 109 East Grand River Avenue, Lansing MI 48909 or fax it to 517-484-3108.

Gifts to the Mackinac Chapter Sierra Club support effective citizen-based advocacy and lobbying programs in Michigan and therefore are not tax-deductible.

Are the Nation's Youth Experiencing an Energy Crisis?

by Melissa Damaschke, Sierra Club Student Community Organizer

In school we teach our children that there are two types of energy: potential and kinetic. Simply speaking, potential energy is the stored energy of an object and kinetic energy is the energy of motion. Lately, all I hear is that the youth in our nation are apathetic. I disagree. The youth are not apathetic—they just have two types of energy.

In one group we have those with potential energy. This makes sense. After all, they're still learning what it means to live in a democracy and have a voice; they're still developing opinions and finding out what motivates them. Sit in any coffee shop after 8 pm and you will see a number of young people congregating and discussing a wide variety of issues. They are passionate, intelligent and vocal.

In the other group are young people turning their potential energy into motion. For example, four students—ages 17 to 22—are currently driving Sierra Club's "Heidi the Hybrid" across the nation. Why? They're following the Republican National Committee's "Reggie the Registration Rig" (see www.sierraclub.org/roadtrip/heidi). Reggie, if you haven't heard, is out there registering young voters; Heidi, however, is never far behind. Meighan, Jason, Katya and Paul (members of Heidi's pit crew) are there to educate those same young voters of the Bush Administration's assault on the environment. How great is that?

Here in Michigan, students are putting their energy in motion by volunteering in the Sierra Club Oakland County office, as well as organizing and participating in protests, community walks, Ecos 'n Espresso, Activist Night, and Sierra Club & Beer. Sierra Club & Beer is a social event that invites the 21+ crowd to drink beer and partake in some lively environmental conversations. And just a little FYI: while most young people do appreciate a good brew now and then at a local bar, they also enjoy a good brew of coffee at the coffee shop during an evening of Ecos 'n Espresso. And when they're not drinking beverages during the week, they are showing up to Activist Night where they help stuff envelopes, make phone calls inviting people to events, write letters to the editor, make posters for protests, and plan future events. Woohoo!

There isn't an energy crisis when it comes to our youth. The issue is not that America's youth are apathetic; rather, it's that we allow the generations that precede ours to continually pigeonhole us. Young people, to many older generations, appear to be concerned mostly with job-seeking, student loans, basic civil rights, and, of course, the environment. It appears to many people in my generation that older generations are concerned with social security and medicare and that everyone in between is concerned with buying homes, property taxes, raising families, living in a location that has an adequate school system for their children, etc. It's no wonder that one generation can look apathetic next to the other! The issues are not the same.

There is hope. I think it's pretty safe to say that at any age, clean air and water are greatly appreciated. Well, there you have it... it seems so simple and it is. The protection of our environment unites us. So let us unite and realize that each generation in this country is, in fact, active—they just utilize their energy differently at times.

It's time for us all to get involved! For more information, contact Melissa Damaschke at 248-435-5277 or melissa.damaschke@sierraclub.org.



PHOTO: BRUCE HOEFT



PHOTO: MELISSA DAMASCHKE

Top: High School students Rob Steiner (left) and Cara Oblinger (right) commit to an evening of stuffing envelopes and meeting other environmentalists.

Above, left to right: University students Chris Zenas, Alex Bornagen and Audra Enezur-Mehler write letters to the editor about the Bush Administration's assault on the environment.

Here in Michigan, students are putting their energy in motion by volunteering in the Sierra Club Oakland County office, as well as organizing and participating in protests, community walks, Ecos 'n Espresso, Activist Night and Sierra Club & Beer.

Build New Power Plants?

by David Wright, Chair, Mackinac Chapter Energy Subcommittee

Much attention to energy issues today focuses on Washington, but many of the most important energy debates for Michiganders take place right here at home. As a result, many of the best solutions are also found here in Michigan as well.

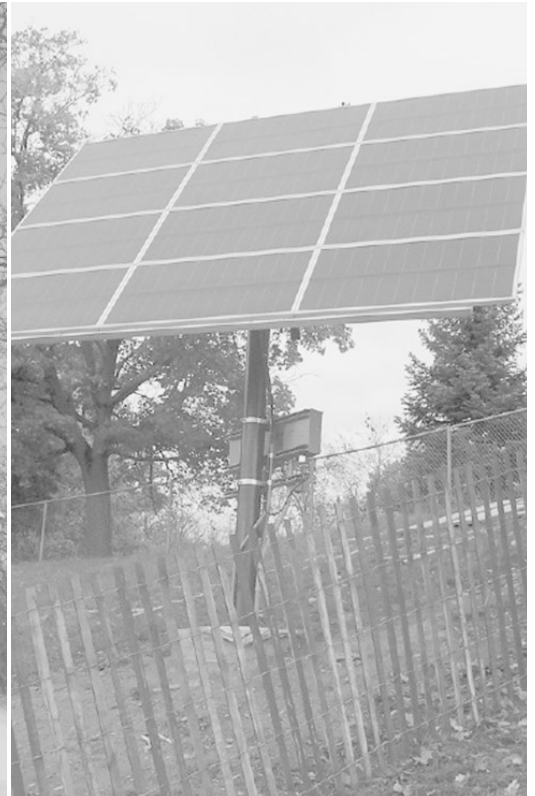
Two-thirds of Michigan's electricity is produced by burning coal, a major source of air pollution that contributes to ground-level smog, acid rain, mercury contamination of our state's fish, and global warming due to carbon dioxide emissions. The coal is strip-mined in the west, or mined through mountaintop removal in Appalachia. Waste from processing coal has led to environmental disasters, including a spill of 250 million gallons of coal slurry into the Big Sandy watershed in Kentucky and West Virginia.

While a small part of Michigan's current electricity generation comes from wind power and other renewable sources, the remaining one-third of power generation comes mainly from nuclear, natural gas and other

non-renewable fuels (see "Talking Points," back page). Sierra Club believes Michigan can reduce our reliance on coal and nuclear power and begin the transition to a cleaner and safer utility industry, but first we have to reverse the trends that have led Michigan away from a sound energy policy during the past 20 years.

Some of the most troubling trends result in part from the deregulation of electric utilities. Environmentalists believed electric utility deregulation would reduce our reliance on coal by building new efficient natural gas power plants, but instead dirty, old coal plants have continued to operate while a glut of so-called "merchant" power plants that burn natural gas have been built. Merchant

ALTERNATIVE ENERGIES Left: Wind turbine installed by Traverse City Power and Light. Below, left: Photovoltaic panels on the roof of the Leslie Science Center in Ann Arbor. Below, right: A 768 watt tracking photovoltaic system at Huron High School in Ann Arbor.



ALL PHOTOS THIS PAGE: DAVID WRIGHT

Let's Think Again

power plants sell power wholesale and are not regulated by the Michigan Public Service Commission (MPSC), helping to increase electric capacity in Michigan by 15 percent.

As a result, Michigan's major utilities today have more than 14 percent "summer reserve capacity" (MPSC Summer Energy Appraisal)—more than enough generating capacity to meet our state's electricity needs. Yet another 10,000 megawatts of power generation from merchant power plants is already planned for Michigan, and developers are looking to build new midwestern coal-fired power plants—including the proposed plant at Manistee—to provide additional electricity to the wholesale market. (See article at right.)

Building new plants when sufficient and underutilized generating capacity is available does not make economic or environmental sense. While Michigan does not have any coal resources, our state has at least five other resources that can be used to meet our needs:

CONSERVATION

In their January 2003 analysis of Michigan's energy efficiency potential, the American Council for an Energy Efficient Economy (ACEEE) states, "The comprehensive utility energy efficiency portfolio Michigan abandoned in 1995 was saving energy at 2.6 cents/kWh, a cost that was much less expensive than building and operating a power plant, both then and now."

ACEEE estimated that a reduction in usage equivalent to the output from four major coal-fired power plants or two large nuclear plants could be obtained by implementing economically achievable efficiency programs for Michigan's commercial facilities. Further reductions can be achieved by implementing efficiency programs in residential and industrial facilities.

WIND

Traverse City is the home to one of our nation's first green power programs and Michigan's first utility-scale wind generator. Michigan's wind potential is both untapped and large. In 1995 Public Citizen estimated Michigan had a potential of up to 125,000 MW of wind capacity when including areas that have medium to high average wind speeds.

see New Power, page 15

Tondu Denied: Club Members Help Defeat Big Coal in Manistee

by Monica Evans,
Chair, Traverse Group

An extraordinary citizens' organizing effort in Manistee this year convinced officials with the City of Manistee to deny a special land use permit for a proposed 425 megawatt coal-fired power plant that would have generated large amounts of air and water pollution. Monica Evans, chair of the Traverse Group, describes how Sierra Club members joined in this fight.

The Traverse Group was able to help stop the coal plant by activating our members and residents in Northern Michigan. We did this in a number of ways.

We dedicated our January general membership meeting to the issue and invited Fred LaPoint and Alice Mummy from Manistee Citizens For Responsible Development (CFRD) to be our key speakers. There was a blizzard that night and we were afraid no one would show up, but 38 people came out to learn about the plant and what they could do to help stop it.

Members wrote letters to all the local newspapers and came to the public hearings. At that first Planning Commission (PC) public hearing, more than 500 people turned out. So many people signed up to speak, in fact, that the PC had to schedule additional hearings to give everyone an opportunity to speak. Even children stood up to speak about why they opposed the plant and why they thought the PC should deny the permit. It was fabulous.

Before each public hearing in Manistee, Sweetwater Alliance and the Traverse Group organized protests. We lined the street and sidewalks with banners, signs and puppets made by Sweetwater. The coalition of groups, including CFRD, the Little



PHOTO: JIM DULZO

River Band of Ottawa Indians, Aurora Association, Sweetwater Alliance and Traverse Group really worked together as a team. By last November, the Band, Aurora and CFRD were already meeting weekly to strategize, mobilize and educate the public.

A number of events were critical to defeating the Tondu plant. One of the first public-action events was a CFRD-organized petition-signing campaign. Shirley Byrd of Benzie County heard about the coal plant issue and called me to see what she could do to help. Shirley took petitions to local fishing, hunting and bait shops, as well as local businesses and restaurants, and returned with dozens of signed pages. She was amazing!

Sweetwater Alliance organized a crucial door-to-door campaign, while others took names from petitions and made phone calls asking people to show up to the hearings and testify. The reports and testimony of ordinary citizens provided the Planning Commission with critical information. All who helped made a huge difference

see Tondu Denied, page 15

Top right: The crowd at the first Planning Commission public hearing.

Shop to Stop Sprawl!

"What a great idea! Local grassroots action to preserve nature is what the Sierra Club is all about. I encourage every Sierra Club member in Michigan to participate in Shopping for the Earth."

- Carl Pope, Sierra Club Executive Director

Through the Sierra Club/Huron Valley Group's **Shopping for the Earth** program, your next shopping trip could help stop sprawl! Up to 20% of what you spend will be donated to the Sierra Club.

We'll use the funds to fight the out-of-control development devastating Michigan. Each year, you can contribute hundreds of dollars to stop sprawl - at no cost to you!

To join the program, just mail in the



order form below with your check. You'll get EarthCash vouchers of equal value for the stores you select. Then you spend the vouchers (accepted nationwide) just as if they're cash. You can return unused vouchers for a refund if you're not completely satisfied.

For more information, please contact Michael Sklar by phone at (734) 717-8040 or by email at mssklar@comcast.net.

Sierra Club/Huron Valley Group "Shopping for the Earth" Order Form

Indicate the number of EarthCash vouchers you want by dollar amount for each store below, and enclose your check payable to "**Sierra Club-Huron Valley Group**." Total order (\$500 maximum): \$ _____.

	\$5	\$10	\$20	\$25	\$50	\$100
Ann Arbor People's Food Co-op						
Arbor Brewina Company						
Arbor Farms						
Borders Books & Music						
Busch's						
Farmer Jack (and affiliated stores)						
Hiller's Markets						
Holiday Market (Royal Oak)						
Kroger (and affiliated stores) - Limit 1*						
Whole Foods (and affiliated stores)						

* Kroger uses a reloadable electronic cash card that comes with an initial balance of \$10. You can reload the card (up to \$500) at any Kroger store by cash, check, or credit card.

If you shop at **Meijer**, you can also contribute through the Meijer Community Rewards program. To enroll, please contact Michael Sklar -- or go to www.meijer.com/rewards, and designate 100% of your donation to go to organization code **883330**.

Your Name: _____
 Your Address: _____

 Your Phone number: _____
 Your email address: _____

Mail to:
 Michael Sklar
 10404 Kingston Avenue
 Huntington Woods, MI 48070
 (Your data will not be shared)

Call for Candidates for the Mackinac Chapter Election

by Sue Kelly, Mackinac Chapter Co-Chair

The annual Mackinac Chapter election is upon us. In this election we vote on those members who have accepted nomination and agreed to run for the position of At-Large Member of the Mackinac Chapter Executive Committee.

The At-Large members comprise the Chapter Executive Committee along with representatives from the local Groups. There are nine At-Large members on this body; four are elected one year and five are elected the following year. Each position is a two-year term. At-large members should expect to attend quarterly meetings of the Chapter Executive Committee and offer leadership to Chapter programs or functions. The role of this Executive Committee (ExCom) is to administer and carry out the mission of the Sierra Club in Michigan.

In the upcoming election we will be electing five people to the 2005-2006 ExCom. The Nominating Committee will soon begin the process of nominating likely candidates to run for these positions. If you are interested in suggesting someone—or yourself—for us to consider, please contact Sue Kelly, 810-227-9563 or Sue.Kelly@michigan.sierraclub.org. The Nominating Committee need not be contacted. You may also run for election by obtaining 15 Mackinac Chapter member signatures on a petition for your nomination as an At-Large Member of the Mackinac Chapter. Submissions are due by October 1, 2004. Either way, your participation is welcome.

We look forward to hearing from you!

Forest Policy Update

WWW.MICHIGAN.SIERRACLUB.ORG/ISSUES/FORESTS

You can play an important role in shaping the management of Michigan's three million acres of National Forest lands! Mackinac Chapter's Forest Policy Specialist Marvin Roberson is setting up sessions this fall to help develop Sierra Club's vision for the future of our forests. For more information about these events, send an email with "Michigan Forests" in the subject line to mackinac.chapter@sierraclub.org.

Tondu Denied, continued from page 13

and they all deserve praise for helping protect our environment.

There was also an open house with amazing visuals, such as a made-to-scale smokestack and the houses underneath it—people could pass by and see how that stack would loom over the city. On the smokestack were lines to show where the Sears Tower and the Statue of Liberty would reach in comparison—it was that tall. And there was a "fishing pond" with paper trout with the names of the emissions such as Mercury, Lead and Carbon Dioxide on their backs.

What made this such an important and eye-opening experience for me, personally, was how everyone involved worked together. I felt mutual respect and gratitude with all involved, from simple coalitions of people to organizations that came together and welcomed anyone who would help. Those involved worked tirelessly to stop a coal-fired power plant from being built in a quiet little city in Northwest Michigan. A David and Goliath story that was all too real! Yet, it was one of the best experiences of my life. I met some of the most incredible people; they are, without a doubt, real environmental heroes.

When the PC made their final vote that last night, there was such a feeling of anticipation. People held hands; they were afraid to breathe. And then the vote was taken. The permit had been denied. We gave the Planning Commission a standing ovation, and after the meeting adjourned, people hugged and thanked each other—it was really moving. People met at a local pub down the road from the proposed site and toasted each other, savoring the the moment. We knew the fight wasn't finished, but we knew we could celebrate the victory of the moment.

UPDATE

Manistee Salt Works, which sought approval for the power plant, is suing the City of Manistee in federal court, seeking \$100 million in damages. Opponents of the plant are rallying around Manistee. Details are still being worked out as we go to press.

New Power, continued from page 13

EXISTING MERCHANT FLEET OF NATURAL GAS POWER PLANTS

After investing in conservation and renewables, the fourth resource is this underutilized source.

SOLAR

During the summer the lower peninsula receives as much sunlight as Tampa, Florida. At Urban Options in East Lansing, solar roofing shingles that can produce up to 2,000 watts of power provide almost all

of the electricity for this energy efficiency non-profit.

SMALL BIOMASS OR NATURAL GAS-FIRED COMBINED CYCLE SYSTEMS

Combined cycle plants would be built in the communities where both electricity and heat is required, thus reducing the need for transmission and tapping waste heat instead of wasting it.

Sierra Club believes this is a better way to prepare for the electric needs in Michigan's future.

The 15th Annual Mackinac Chapter Fall Retreat

by Lisa Wickman

HISTORIC MINIWANCA OFFERS PERFECT RETREAT

Call me a nostalgic treehugger, but spending the weekend on Lake Michigan and learning about the environment while staying in a historic cabin atop a wooded hillside with some of the state's most respected environmental activists is my idea of fun.

Give me an evening of singing around a campfire in an outdoor rock amphitheater with smores and I'm happy. A place where my kids feel safe, free to make new friends and learn about the natural environment first-hand. How about exploring miles of trails, climbing a rock wall or bonding with a group in a high ropes course? Or a weekend of balanced meals cooked by someone else? Or lounging on the beach?

These are some of the things to be found at Camp Miniwanca. I fell in love with the camp when I "discovered" it in 1993. It has been a favorite spot for the Mackinac Chapter's Annual Fall Retreat ever since, with many attendees saying things like, "Let's come back here every year. It's such a perfect place for the Retreat."

In addition to the appeal of the camp, retreat participants choose from twenty different workshops and activities on Saturday (9-5) and Sunday (9-noon), which are roughly organized around: outdoor skills/experiences, protecting the environment; and social, health and wellness advice/opportunities. Workshops and activities are presented at a variety of levels, some for adults, some for singles and some for families with kids.

Even if you choose not to attend any of the workshops or participate in any of the activities, the camp by itself is a draw. Come to the 2004 Retreat and see why those of us who have fallen in love are so glad to return year after year. Each new Retreat provides something new to love and plenty to make us feel right at home.

ANNUAL RETREAT PARTICIPANTS TAKE HOME TREASURE, RECYCLE GREAT TRASH

If you've never been to a Sierra Club Fall Retreat, you're missing out on one of the greatest shopping experiences ever. I know what you're thinking... Shopping? At a Sierra Club Retreat? Well, sort of shopping.

Here's how the silent auction works. Participants bring treasured trash, usually gently-used outdoor gear (i.e. camping, hiking, biking, and birding stuff) and start the bidding with a low price. Items are given a bid sheet and spread on ten to fifteen large tables in the Tipi Lodge that overlooks Lake Michigan. Bidding is open throughout the open mic festivities on Friday night and then all day Saturday.

On Saturday night, our own talented—and wacky— auctioneer, Chapter Co-Chair Mike Keeler, conducts a fun-filled live auction while folks continue to bid on items they cannot live without. Finally, a countdown ends the silent auction with a raucous frenzy of bidding. Not to worry, though—there's enough treasure to go around, even if you don't get to take home everything you bid on.

THERE'S STILL TIME TO REGISTER!

Some favorite memories from last year's Annual Retreat auction

- My friend, Becky, a retreat first-timer, is updating me excitedly on the embroidered vest and hand-made jewelry she has bid on. Although she ultimately lost the vest (despite my attempt to buy it for her at the last minute) she wins her favorite from the jewelry collection in a creative compromise with two other bidders.
I later find out she tried to buy something for me too. (You find out who your friends are at a silent auction!)
 - A rather homely ceramic rooster made yet another visit to the retreat. It was originally Sherry Hayden's, and she attempted to engage me in the strange practice of buying the rooster so I could bring it back the following year. It went home with someone else—will it come back this year?
 - My children, Jace and Gage, bid against each other on the world's cutest chocolate bars (with endangered species pictures on them) until I pointed out that they were in the same family and need not run up the bid!
 - Miniwanca staff members joined in the fun, with one persuasive young man convincing me and several other bidders to drop out because he so desperately needed a sleeping bag.
 - And my own prize—a Land's End travel toiletries bag for \$5. What a bargain!
- Such fun from such a simple event! Auction proceeds help to offset the cost of the retreat and keep registration prices affordable. Bring your treasured trash to the Mackinac Chapter's Annual Fall Retreat, September 10-12, 2004.

Group Meetings & Programs

[HTTP://MICHIGAN.SIERRACLUB.ORG/GROUPS.HTML](http://michigan.sierraclub.org/groups.html)

Outings, political and conservation activities and general interest meetings are hosted regularly by groups throughout the state. There are numerous ways to get involved in your local group. Meetings are open to the public and everyone is welcome. Contact group chairs (page 23) or those listed below. Up-to-the-minute outings and activities may be found on group websites or on the Mackinac Chapter website at www.michigan.sierraclub.org. [E] = educational content, [C] = conservation focus.

2004 Executive Committee Meetings

The Mackinac Chapter Executive Committee (Ex-Com) meets quarterly at locations around the state. Contact Kathy Boutin-Pasterz at the Chapter office for details. Members are welcome and encouraged to attend.

FALL: Saturday, October 2, from 9am- 5pm at the Urban Options Energy House in East Lansing

WINTER: January 15-16, 2005 at the University of Michigan Biological Station in Pellston

AG: Algonquin Group

Interested in helping to build an active Group or want information about the Sierra Club in this area? Contact Kathy Boutin-Pasterz, 517-484-2372.

CMG: Central Michigan Group

GENERAL MEETINGS: 5:30pm for supper (small donation requested), monthly meeting at 6:15, 3rd Monday. East Lansing Public Library, 950 Abbott Rd, East Lansing, MI. Pete Pasterz, 517-676-3339.

CONSERVATION COMMITTEE: 5:30pm monthly, 2nd Monday. Maria Lapinski-LaFaive, 517-374-4444 or mlapinsk@wmich.edu.

EXECUTIVE COMMITTEE: Monthly, 1st Monday. Jerry Schuur, 517-351-7796.

OUTINGS COMMITTEE: Michelle Mickelson, 517-339-6192 or michelle_mickelson@yahoo.com.

CUP: Central Upper Peninsula Group

GENERAL MEETINGS AND EXECUTIVE COMMITTEE: 7pm in Community Room, Peter White Library in Marquette. John Rebers, 906-228-3617 or jrebers@nmu.edu.

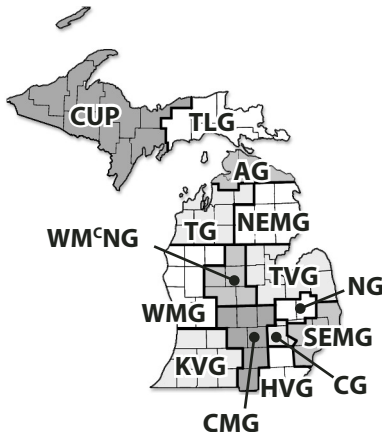
CUP GROUP NEWS AND OUTINGS: Mail \$5 for newsletter subscription to Sierra Club, 338 West Crescent, Marquette, MI 49855.

OUTINGS: Michael Neiger, mneiger@hotmail.com.

CG: Crossroads Group

www.michigan.sierraclub.org/xroads

GENERAL MEETINGS: 7pm 4th Wednesday May, July, and September at Brighton Public Library, 200 Orndorff Dr, Brighton.



Group boundaries of the Mackinac Chapter Sierra Club

CONSERVATION COMMITTEE: Meets monthly. Emily Gobright, Conservation Chair, emily@ismi.net or 517-548-0595.

OUTINGS COMMITTEE: Co-chairs: Cheryl McConnell, mcconnell_cheryl@yahoo.com or 517-552-1464; Ron Smith, rsmith9999@aol.com or 734-878-3689.

EXECUTIVE COMMITTEE: Meets monthly. Co-Chairs: Rick Pearsall, rick@pearsall.com or 810-227-6298; Karen Pierce, 810-227-8521 or pierce@hartland.k12.mi.us.

MEMBERSHIP COMMITTEE: Lorne Beatty, lbeatty@bluechip-tech.com or 810-632-7766.

HVG: Huron Valley Group

www.mirror.org/groups/mi-enviro
HVG Hotline at 734-480-7751

GENERAL MEETINGS: 7:30pm monthly, 3rd Tuesday, at UM Matthaei Botanical Gardens, 1800 N Dixboro Rd, Ann Arbor. Free and open to the public. Non-members welcome!

8/17 "Hunters of the Sky: Up Close and Personal with Live Owls and Hawks" Presented by Dody Wyman, Director, River Raisin Raptor Center.

9/21 "Thinking Globally, Acting Locally: Getting Involved with your local Sierra Club." Come to our annual "newcomer" meeting designed to

involve and introduce Sierra Club members and the public to the wide range of activities available at the local level. Presented by the activists of the Huron Valley Group.

9/25 Lenawee Membership Meeting. 11am. Join us to plan events and future meetings. Judy Seigneur, 517-264-1580.

EXECUTIVE COMMITTEE: Meets 1st Thursday of each month. 7pm. Doug Cowherd, 734-662-5205.

HVG BOOK CLUB: 7:30pm monthly, 2nd Tuesday at Nicola's Books in Westgate Shopping Center, Ann Arbor. Small group book discussion about nature or the environment. Parma Yarkin, 734-332-0207.

9/14 Wild Fruits and Faith in a Seed, by Henry David Thoreau.

10/12 TBD

INNER CITY OUTINGS: 7:00pm, 2nd Sunday each month, Room 302 Halle Library on the EMU campus. Volunteers introduce urban children in Washtenaw County to outdoor and environmental experiences that might not otherwise be available to them. Interested chaperones, sponsors, planners, and contributors are always welcome.

CONSERVATION TEAM: 5/24 Conservation Committee Meeting 7:00pm. Call Nancy Shiffer, 734-971-1157 or Bill Rodgers, 734-769-0163 for location.

KVG: Kalamazoo Valley Group

GENERAL MEETINGS: 7pm monthly, third Wednesday, at Kalamazoo Public Library, Oshtemo Branch, 7265 W Main. Verne Mills, 269-344-4279 (evenings); 269-488-4268 (days); vmills@kvcc.edu

EXECUTIVE COMMITTEE: 7:30pm monthly, 2nd Wed. Chair: Paul Haas, 269-664-5417 or paulhs@aol.com.

NG: Nepessing Group

www.michigan.sierraclub.org/nepessing

GENERAL MEETINGS: 2nd Wed each month, 7pm, Mott Community College, 1401 E. Court St., Flint, Prael Center, Genesee Room. Guest speaker each month. Refreshments served. Dennis Crispell, 989-624-5038 or jpbkey@aol.com.

OUTINGS: Dave Mansfield, 810-658-0406 or mansfield@chartermi.net.



GULL ROCK LIGHTHOUSE KEEWEENAW POINT, LAKE SUPERIOR. PHOTO: TOM DUCHAINE (COURTESY MICHIGAN TRAVEL BUREAU)

NEMG: Northeast Michigan Group

Interested in helping to build an active Group or want information about the Sierra Club in this area? Contact Kathy Boutin-Pasterz, 517-484-2372.

SEMG: Southeast Michigan Group

www.michigan.sierraclub.org/semg

GENERAL MEETINGS: 6:30 or 7pm monthly Sept-June, 1st Thursday, at Northwest Unitarian Universalist Church, 23925 Northwestern Hwy, Southfield. Carol Izant, 248-352-6137 or cogknot@yahoo.com.

EXECUTIVE COMMITTEE: 7:30pm monthly, 2nd Thursday at 2727 Second Avenue, Detroit. Jim Nash, 248-471-3759, nashlibdem@msn.com.

CONSERVATION COMMITTEE: Monthly meetings at 2727 Second Avenue, Detroit. Mary LaFrance, 734-282-6935.

OUTINGS COMMITTEE: Quarterly planning meetings. Outings Chair Philip Crookshank, 313-562-1873 or wanderphil3@netzero.net; Outings Coordinator Joanne Cantoni, 248-932-5370.

POLITICAL COMMITTEE: 6:30pm monthly, last Thursday, at Jim's Restaurant on Washington, one block north of Lincoln (10-1/2 Mile), Royal Oak. Tim Killeen, Political Chair, 313-526-4052 or timk@bikerider.com.

TLG: Three Lakes Group

GENERAL MEETINGS: monthly Sept-May, 1st Wednesday, at Walker Cisler Center on the Lake Superior State University campus. Roger Blanchard, 906-253-9316 or rblanchard@lssu.edu.

BUSINESS MEETINGS: Monthly in Sault Ste Marie.

OUTINGS: Roger Blanchard, 906-253-9316 or rblanchard@lssu.edu.

TVG: Thumb Valley Group

Interested in helping to build an active Group or want information about the Sierra Club in this area? Contact Kathy Boutin-Pasterz, 517-484-2372.

TG: Traverse Group

www.michigan.sierraclub.org/traverse

GENERAL MEETINGS: 7-9pm, 4th Tuesday each month. Traverse Area District Library (relocated June-August to outside venues). Our group is frequently involved in community forums, informational meetings concerning local environmental issues and special educational events. Monica, 231-325-6812.

EXECUTIVE COMMITTEE MEETINGS: 2nd Sunday of each month at Horizon Books.

CONSERVATION COMMITTEE: Meets as decided by the committee. Monica, 231-325-6812.

POLITICAL COMMITTEE: Jim Stricko, 231-275-7596.

OUTINGS COMMITTEE: Andrea Dean, 213-947-9334.

WMcNG: Wakelin McNeel Group

<http://michigan.sierraclub.org/wakelin-mcneel>

For information about the Sierra Club in this area, contact Kathy Boutin-Pasterz, 517-484-2372.

WMG: West Michigan Group

www.westmichigansierraclub.org

GENERAL MEETINGS: 6pm monthly, 2nd Thursday, at downtown YMCA, 33 Library NE, Grand Rapids. Craig Ressler, 616-891-9055 or craig_ressler@yahoo.com.

OUTINGS COMMITTEE: Lisa Symons, Greensymons@yahoo.com.



Not everyone can make a large gift to protect the environment during their lifetime, but you can preserve the environment for generations to come by remembering the Sierra Club in your will.

There are many gift options available. We can even help you plan a gift for your local Chapter.

For more information and confidential assistance, contact:

John Calaway
Director, Gift Planning
85 Second Street, 2nd Floor,
San Francisco, CA 94105
(415) 977-5639 or e-mail:
planned.giving@sierraclub.org

- CLEAN LAKE
- TOXIC DUMPSITE



Humans have a choice when it comes to protecting our water. Nature doesn't.



Join us!

Join today and receive a **FREE Sierra Club Weekender Bag**



My Name _____

Address _____

City _____

State _____ Zip _____

email _____

Check enclosed, made payable to Sierra Club

Please charge my Mastercard Visa

Exp. Date ____/____/____

Cardholder Name _____

Card Number _____

Membership Categories	INDIVIDUAL	JOINT
INTRODUCTORY	<input type="checkbox"/> \$25	
REGULAR	<input type="checkbox"/> \$39	<input type="checkbox"/> \$47
SUPPORTING	<input type="checkbox"/> \$75	<input type="checkbox"/> \$100
CONTRIBUTING	<input type="checkbox"/> \$150	<input type="checkbox"/> \$175
LIFE	<input type="checkbox"/> \$1000	<input type="checkbox"/> \$1250
SENIOR	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32
STUDENT	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32
LIMITED INCOME	<input type="checkbox"/> \$24	<input type="checkbox"/> \$32

Contributions, gifts and dues to the Sierra Club are not tax deductible; they support our effective, citizen-based advocacy and lobbying efforts. Your dues include \$7.50 for a subscription to *Sierra* magazine and \$1.00 for your Chapter newsletter.

F94Q W 2100 1



SIERRA CLUB
FOUNDED 1892

Enclose check and mail to:
Sierra Club
P.O. Box 52968
Boulder, CO 80322-2968

Mackinac Chapter Outings

[HTTP://MICHIGAN.SIERRACLUB.ORG/OUTINGS.HTML](http://michigan.sierraclub.org/outings.html)

Abbreviations in capital letters signify the group planning the outing. Refer to the Group Meetings map, page 16, to determine a group's location. [E] = educational content, [C] = conservation focus, [T] = trail maintenance. Trips begin at the trailhead. Fees are a suggested donation. Outings are open to everyone. More detailed outing descriptions may be found at <http://michigan.sierraclub.org> or at individual group websites. All participants on Sierra Club outings are required to sign a standard liability waiver. If you would like to read the liability waiver before you choose to participate in an outing, please go to: www.sierraclub.org/outings/chapter/forms, or contact the Outings Department at 415-977-5528 for a printed version.

August

8/15-25 HVG Trail Construction Service Outing. Build/maintain trails in Porcupine Mountain Wilderness State Park, part of the North Country National Scenic Trail. All meals provided by chef with a national reputation for excellent cuisine. \$10/day for food. www.northcountrytrail.org/pwf/sierra.html. Trail information: Doug Welker, 906-338-2680 or dwelker@up.net. RSVP Ralph Powell, 734-971-9013 or rpowell6@emich.edu. [C]

8/15 SEMG Seven Lakes Hike, Picnic, & Swim. 9am. State park is only 45 minutes from the metro area. Moderately paced 6mi hike over varied habitat & hilly terrain. Bring picnic lunch & swimsuit. Meet 9am at CVS Parking lot, Woodward & Square Lake Rd or at park at 9:45. John Herrgott, 248-766-9575.

8/20-23 NG AuTrain River Camp & Canoe. Easy car camp on shore of AuTrain Lake at the AuTrain Lake National Forest Campground in the UP, 10mi W of Munising. Meet 5pm Fri at the campground. Campsites are first-come, first-served. Good fishing for northern pike, walleye & perch. Sat, canoe across lake & downriver to Lake Superior (10mi/4-6hrs). Sun hike the Bluebird trail & hang out at the beach. Canoe rental available. Limit 12. Reservations required by 8/1/04. Lynn Livingston, 586-795-1678.

8/21 SEMG Toledo Botanical Garden. 10am. Enjoy summer's flowers in all their glory. Pioneer homestead & artists' guilds add to the day's pleasure. Lunch available on site. Bring sunscreen/hat! Meet in Southfield behind Tel-12 Mall Marathon station. Joanne Cantoni, 248-932-5370.

8/22 SEMG Proud Lake Paddle, Hike & Picnic. 9:15am. Get on the river early to spot the resident wildlife. Leave from Heavyners at Proud Lake, paddle upstream, unload & hike 3mi. Lunch on the riverbank, gentle float back. Some canoe instructions supplied. Bring lunch & spare clothes. Meet at Tel-12 Mall, 9:15. \$15 fee due by 8/15. Phil Crookshank, 17916 Colgate, Dearborn Hts, MI 48125, 313-562-1873.

8/22-25 NG Pictured Rock National Park Service Outing. 12 Mile Beach Campground. Park Ranger puts us to work on various projects. Dress for work. Denny Crispell, 989 624-5038.

8/23-29 TLG White River Canoe Adventure. Canoe upper stretch of wildest river in the Great Lakes

region. Numerous rapids/short portages. From town of White River to White Lake Provincial Park. Approx cost <\$150/person. Limit 8. Reservation required. Roger Blanchard, 906-253-9316, rblanchard@issu.edu or blanchard@nku.edu.

8/27-29 NG Grand Island Backpacking. Moderate 27 miles. Munising, MI. Ferry departs from Grand Island Landing on M-28 4mi W of blinking light in Munising. Reservations required. Round Trip Ferry \$15. James Ledtke, 989-624-9195 or jpbkey@aol.com

8/28 SEMG Oakland County Prairie Visit. 9:30am. Tour heritage prairie with OLC docent & see what pre-settlement landscapes looked like. Slow walking, level terrain, 2-3 hrs. Meet in Troy behind Standard Federal Bank, 14 Mile Rd. \$4 OLC honorarium suggested. Optional restaurant stop. Joanne Cantoni, 248-932-5370. [E]

8/28 WMG Pete Patsakos Memorial Canoe Trip on the Rogue River. RSVP Craig Ressler, 616-891-9055.

September

9/4 SEMG Kensington Hike or Bike. 10am. Hike the Nature Trails or bike the paved paths for 2hrs. Meet back at Nature Center for picnic lunch. Meet in Southfield behind the Marathon station, Tel-12 Mall. Bring bike, helmet & lunch. Nancy Ward, 313-562-3210 or Mary Stoolmiller, 248-879-6004.

9/4-12 CUPG 18th Annual (Fall) Canadian Backpacking Expedition. Fall Color Tour (Agawa Canyon, Agawa Falls, Mount Kawagama, Lake Superior Provincial Park, Montreal River). For the fit, equipped & expert-level. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

9/11 HVG Adopt-A-Highway Service Outing. Meet 9:15am, Big Boy parking lot, Plymouth Rd near US 23. Kathy Guerreso, 734-677-0823.

9/11 SEMG Outings Scheduling Meeting. 5pm. If you are interested in leading or learning about leading outings, come to our quarterly planning meeting/potluck in Roseville. Non-leader members are welcome. Bring a potluck dish to pass at 5pm, then participate in the next quarter's planning meeting (Nov-March). Lee Becker, 586-294-7789.

9/11 TG Canoe trip. Jim Stricko.

9/11 WMG Pigeon Creek Park Plant ID Hike. 2-4pm. Join the Michigan Botanical Club for plant ID hike in Pigeon Creek Park in Ottawa Co. RSVP Lisa Symons, 616-942-6549.

9/12 HVG Bird Hills Hike. 4mi leisurely hike. Meet 1pm at Ann Arbor City Hall parking lot. Ken Moreley, 734-677-7791.

9/12 SEMG Paint Creek Bike & Art Fair. 8:30am. Bike historic Paint Creek Trail for 10mi to art fair, lunch & return. Bring bike, helmet, dress for weather. Meet at Rochester Library. Call if weather is questionable. Cindy Gunnip, 248-336-2984. [E]

9/17 HVG Friday Night Hike. EMU's Loesell Field Lab. Meet at Ypsi Kmart garden center parking lot, 6pm. 5mi wooded walk. Gary/Annie Hannan, 734-484-4906.

9/18 KVG Keeping Our Waterways Clean. Hands-on field experience with Sierra Club Water Sentinels. Sample streams near CAFOs & other pollutants. Bring waders if you have them. Mike, 269-948-8840. [E][C]

9/19 HVG Point Pelee Hike. Leisurely paced bird/butterfly walk in scenic Canadian park. Bring proof of citizenship. Meet 7am in Ann Arbor City Hall parking lot. Tom Mora, 734-424-1222.

9/19 SEMG Matthaei Botanical Garden-Prairie Tour. Noon. Docent-lead tour of prairie plants & wildflowers. MBG fee. Meet between Wal Mart & Jiffy Lube in Livonia, SW corner of Middlebelt & I-96. Optional restaurant stop. Joanne Cantoni, 248-932-5370. [C]

9/24 HVG Friday Night Hike. Barton Park 6pm. John Schumacher, 734-662-8007.

9/25 TG Whaleback Natural Area Hike. 2:30pm. Great family hike on mod steep glacial moraine trail. Andrea Dean, 231-947-9344 or andreadean113@msn.com.

9/25 WMG Saugatuck Dunes State Park Hike. 10am. Moderate, 6mi hike through woods & open dunes. Optional lunch after. RSVP Mary Jane Lamse, 616-942-1837 or mjlamse@iserv.net.

9/26 SEMG Cass Benton Park Hike. Noon. 5mi, leisurely pace over the rolling hills. Explore 400 species of shrubs & trees in Bennett Arboretum. Meet at picnic area, NW corner of 6-Mile Rd & Northville Rd. Restaurant stop. Lee Becker, 586-294-7789. [E]



PHOTO: LINDA WALTENBERGER

October

10/1-5 CUPG Pictured Rocks area backpacking (Munising). For the fit, equipped, intermediate level. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

10/2 KVG The Great Kalamazoo River Clean Sweep. In conjunction with the Kalamazoo River Watershed Council (KRWC). Canoe & clean river & tributaries. KRWC, 269-327-4008.

10/3 SEMG Brighton Rec. Area Hike. Noon. 5mi, mod to brisk. Dress for the weather, bring trail snacks & water. Meet in Southfield behind Marathon at Tel-12 Mall. Restaurant stop. Mike Scanlon, 313-884-2214. [E]

10/7-10 SEMG Manistique River Canoe Camping. Enjoy this lovely UP river during peak color & bird migration. Start Fri morning paddling through Seney National Wildlife Refuge & beyond, camping 2 nights along the river. Camping experience required; canoeing experience desirable. Cost \$30 for folks who bring own canoes, approx. \$40/day for those who rent. Optional camping Thurs \$4/person. Must provide own equipment & food. Reservations required. \$30 deposit due Oct. 1. Mary Powell, 810-732-3884 or powell_mm@hotmail.com. [E]

10/10 HVG Adrian Hike, Kiwanis Trail. 4mi leisurely. Meet at Riverside Entrance 1pm. Leslie Carpenter, denali@tc3net.com.

10/10 SEMG Wolcott Mill Hike. Noon. 5mi, mod pace in lovely Metropark with woods, meadows, stream & historic mill. Call if weather is questionable. Meet in Rochester Hills, Meijer west parking lot. Optional restaurant stop. Kathy Lane 248-813-1661, Joanne Cantoni 248-932-5370. [E]

10/16 SEMG Addison Oaks Tree Hike. 11am. 4-5mi, mod pace. Bring Tree I.D. guides, binoculars, dress for the weather. Call if weather is in doubt. Meet in Rochester Hills, Meijer west parking lot. Restaurant stop. Mary Stoolmiller, 248-879-6004. [E]

10/16 TG Fall Colors Along the Jordan River Pathway. 11am. Moderate 4mi hike leaving from Dead Man's Hill Overlook. Pricilla Walmsley, 231-929-1658 or pricilla@walmsley.com.

10/17 SEMG Proud Lake Trail Exploring. 11am 5-6mi/mod pace. Practice map reading skills. Dress for weather. Meet in Southfield behind Marathon station at Tel-12 Mall. Restaurant stop. Liz Allingham, 313-581-7579, or Cindy Gunnip, 248-336-2984. [E]

10/23 HVG Lost Nation State Game Area Hike. Hike the North Country Trail in Hillsdale Co. Meet in Ann Arbor (8:30) or Pittsford (10am). Ralph Powell, 734-971-9013, or Kevin Bell, 734-913-2764.

10/23 SEMG Bald Mountain Hike. Noon. Slow paced, 5mi hike on North Unit trails. Dress for the weather,

wear lug-soled shoes. Meet in Southfield behind Marathon station at Tel-12 Mall. Restaurant stop. Pat & Tom Skinner, 517-552-9121.

10/24 SEMG Pontiac Lake State Rec Area Hike. Noon. 6 mile, moderate to brisk pace, rolling wooded terrain. Meet in Bloomfield Twp, Costco parking lot on Telegraph Rd. Call if weather is doubtful. Optional restaurant stop. Sudha Chhaya, 248-219-3326.

10/31 SEMG Spooktacular Potawatomi Trail Hike. 8:30am. Bring your Halloween bags—we will be looking for ghosts, owls & ravens as we pick up trash left by the goblins on this trail system. 14mi hike. Dress for weather, bring trail lunch & water. Meet behind Southfield Marathon station at Tel-12 Mall. Call if weather is questionable. Cindy Gunnip, 248-229-8838. [T]

November

11/5-8 CUPG North Country Trail area backpacking (St. Ignace). For the fit, equipped, intermediate level. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

11/6 HVG Lake Hudson Rec Area Fall Hike. Meet in Ann Arbor at 8:30am or park headquarters at 10am. Ralph Powell, 734-971-9013, or Kevin Bell, 734-913-2764 for info.

11/7 SEMG Exploring Macomb Orchard Trail. Noon. 5mi hike/mod-to-brisk pace in new linear park that features towns, covered bridges, residences & open spaces. Call if weather is ?. Meet at Sterling Hts SMART parking lot, 16-Mile & Van Dyke. JoEllen Lane, 586-773-3104, or Joanne Cantoni, 248-932-5370. [E]

11/14 KVG Pierce Cedar Creek Institute Nature Hike. 1:15pm. Optional brunch at 12:30 (cost \$11). Hike woodlands, wetlands, meadows, hills & dales. Call Karen, 269-948-8840, by 10/1/04.

11/14 SEMG Paint Creek Hike. 10am. 5mi mod-to-brisk hike along meandering creek pathway, looking at nature, w/stops to admire residences—including Eminem's home. Stop in Lake Orion for lunch, then return 5mi. Bring snacks & water. Meet in Troy behind the Standard Fed Bank on 14 Mile Rd. Michael Scanlon, 313-884-2214.

11/21 SEMG Pontiac State Rec Area Hike. Noon. 6mi, densely-wooded, rolling terrain, mod-to-brisk pace. Meet in Bloomfield Twp, Costco parking lot on Telegraph Rd. Call if weather doubtful. Optional restaurant stop. Sudha Chhaya, 248-219-3326.

11/26 SEMG Proud Lake Turkey Trot. 11am. 5-6mi loop, brisk pace. Explore little used trails. Meet behind Southfield Marathon station, Tel-12 Mall. Restaurant stop. Liz Allingham, 313-581-7579.

11/28 SEMG Independence Oaks Hike. Noon. 6 forested miles in rolling terrain, mod pace, rain or shine.

Meet in Troy behind Standard Fed Bank, 14 Mile Rd. Opt. restaurant stop. John Herrgott, 248-766-9575. [E]

December

12/3-6 CUPG High Country Pathway area winter-camping backpacking (Gaylord.) For the fit, equipped, intermediate-level winter camper. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

12/4 HVG Hidden Lake Gardens Hike. 4mi hike, then enjoy free music & refreshments at Christmas Holiday Festival. Meet Saline Shopping Center (Cottage Inn) 2pm. Ron Killebrew, 734-429-0671, or rikillebrew@provide.net.

January

1/13-18 CUPG Pictured Rocks National Lakeshore & Kingston Plains Area Winter Camping Via Sleds & Snowshoes. For the fit, equipped, & expert-level winter camper. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

February

2/17-21 CUPG 18th Annual Canadian Showshoe Expedition. Old Woman Lake Lodge (Wawa). Winter camping via sleds & snowshoes for the fit, equipped, & expert-level 40-below winter camper. More at <http://therucksack.tripod.com>. Michael Neiger, mneiger@hotmail.com.

OUTINGS LEADERS: Join an email discussion list for Mackinac Chapter Outings Leaders. Go to <http://lists.sierraclub.org/archives>. Click on the List name (MI-OUTINGS-LEADERS-FORUM), then click "join."

OUTINGS PARTICIPANTS: Receive once-a-month email announcements of upcoming outings by joining the Mackinac Chapter Outings News List. Go to <http://lists.sierraclub.org/archives>. Click on the list name (MI-OUTINGS-NEWS) then click "join."

Taking Action: Your Words Count!

[HTTP://MICHIGAN.SIERRACLUB.ORG/ACTION.HTML](http://MICHIGAN.SIERRACLUB.ORG/ACTION.HTML)

Get your free copy of "A Citizen's Guide To State Government" to find out who your legislators are. Call House Speaker Rick Johnson at 517-373-1747, tell him you are concerned about environmental protection, and ask him to send you a copy!

The White House

President George W. Bush
The White House

1600 Pennsylvania Avenue
Washington, DC 20500

202-456-1414

White House fax line:
202-456-2461

White House comment line:
202-456-1111

White House email:
president@whitehouse.gov

U.S. Congress

The Honorable _____
U.S. Senate
Washington, DC 20510

or U.S. House of Representatives
Washington, DC 20515

U.S. Capitol switchboard:
202-224-3121

Michigan

Governor Jennifer Granholm
State Capitol
Lansing, MI 48909
517-373-3400

The Honorable _____
Michigan House
or Michigan Senate
State Capitol
Lansing, MI 48909

Resources for Activists

Sierra Club National Legislative Hotline: 202-675-2394

- ENVIRO-MICH is the Mackinac Chapter-sponsored Internet list and forum for Michigan environmental and conservation issues. For a free subscription, email majordomo@great-lakes.net with a one-line message body of "subscribe enviro-mich" (leave your signature file off).
- Sierra Club's National Website is at www.sierraclub.org. Check out the regular *W Watch* postings.
- Visit our Mackinac Chapter Website: <http://michigan.sierraclub.org>
- Get a free subscription to *The Planet* by promising to write at least 3 letters a year to your elected officials in support of the environment. Send your name and address to Sierra Club Planet Subscription Request, P.O. Box 52968, Boulder, CO 80322-2968.
- Email activists needed! The Mackinac Chapter, with the help of the national Sierra Club, is setting up our own Take Action Email Alert System. If you have provided your email address to the Sierra Club previously, in the next month you will receive a note to that email address inviting you join. If we don't have your email address, please send a note to mackinac.chapter@sierraclub.org with a subject line saying "sign up for email alerts." In the message give us your name, your membership number (found on the top line of your address on the back page of *The Mackinac*) and the email address to which you would like us to send alerts. Once on board, you can expect to receive one to two alerts per month asking you to Take Action on critical environmental issues in Michigan. Please send any questions you may have to the email address above.

UnClassifieds

DATA ENTRY VOLUNTEERS NEEDED at the Lansing & Clawson offices. If you have a few hours/week we could use your help! Contact Kathy Boutin-Pasterz, 517-484-2372.

ENJOY FUNDRAISING? You can help your local group raise money by selling Sierra Club calendars, recycled paper stationery and t-shirts. Contact Kathy Boutin-Pasterz, 517-484-2372.

SEEKING A VOLUNTEER PHOTO EDITOR FOR *THE MACKINAC* to collect photos for possible use. Contact Kathy Boutin-Pasterz, 517-484-2372.



Earth Share
OF MICHIGAN

THANK YOU, EARTH SHARE DONORS! We wish to thank the all the individuals who support our work each year through payroll deduction via Earth Share of Michigan. If you have just completed your annual payroll deduction campaign at work, and Earth Share of Michigan was not listed as an option, please call Sarah Baker at 269-383-6247 or the Earth Share of Michigan office at 800-386-3326. They will be glad to discuss how you and your fellow employees can support Sierra Club Foundation-Mackinac Chapter and other earth-friendly organizations at work. For more information, visit www.earthsharemichigan.org.

DharmaTech

TECHNICAL ASSISTANCE FOR NONPROFITS

THOUGHTFUL WEB AND PRINT DESIGN.
EFFECTIVE, EFFICIENT INFORMATION
TECHNOLOGY IMPLEMENTATION AND SUPPORT.

WE HELP YOU USE TECHNOLOGY TO
FURTHER YOUR MISSION.

WWW.DHARMATECH.ORG

Mackinac Chapter Directory

HTTP://MICHIGAN.SIERRACLUB.ORG/DIRECTORY.HTML

MACKINAC CHAPTER MAIN OFFICE

109 East Grand River Avenue, Lansing, MI 48906

Phone: 517-484-2372

Email: mackinac.chapter@sierraclub.org

Fax: 517-484-3108

Website: michigan.sierraclub.org

Director

Anne Woiwode.....anne.woiwode@sierraclub.org

Conservation Program Coordinator

Gayle Miller.....gayle.miller@sierraclub.org

Water Sentinels Project Coordinator

Rita Jack.....rita.jack@sierraclub.org

Membership/Volunteer Coordinator

Kathy Boutin-Pasterz.....kathy.boutin-pasterz@sierraclub.org

Forest Policy Specialist

Marvin Roberson.....marvin.roberson@sierraclub.org

Administrative Assistant

Amanda Hightree.....amanda.hightree@sierraclub.org

MACKINAC CHAPTER DETROIT OFFICE

2727 Second Avenue, Metropolitan Center for High Technology, Detroit, MI 48201

Phone: 313-965-0055

Environmental Justice Organizer

Rhonda Anderson.....313-965-0052, rhonda.anderson@sierraclub.org

Southeast Michigan Media Coordinator

Kim Hunter.....313-965-0055, kim.hunter@sierraclub.org

SIERRA CLUB MIDWEST OFFICE

214 N. Henry Street, Suite 203, Madison, WI 53703

Phone: 608-257-4994

SIERRA CLUB MIDWEST REGIONAL OFFICE

229 Lake Avenue, Suite 4, Traverse City, MI 49684

Phone: 231-922-2201

Midwest Regional Staff Director

Alison Horton.....alison.horton@sierraclub.org

Administrative Assistant

Shelly Campbell.....shelly.campbell@sierraclub.org

OAKLAND COUNTY FIELD OFFICE

100 N Crooks Rd., Suite 105, Clawson, MI 48017

Phone: 248-435-5277

Associate Regional Representative

Bruce Hoeft.....bruce.hoeft@sierraclub.org

Student Community Organizer

Melissa Damaschke.....melissa.damaschke@sierraclub.org

Community Organizer

Leigh Fifelski.....leigh.fifelski@sierraclub.org

SIERRA CLUB NATIONAL HEADQUARTERS

85 Second Street, Second Floor, San Francisco, CA 94105

Phone: 415-977-5500

ADDRESS CHANGES

Please include old mailing label and send to: PO Box 52968, Boulder, CO 80321-2968

CHAPTER EXECUTIVE COMMITTEE

Officers

Mike Keeler, Co-Chair.....810-767-9904, mikekeeler@tir.com

Sue Kelly, Co-Chair.....810-227-9563, skelly316279MI@comcast.net

Helen LeBlanc, Treasurer.....517-655-6454, helen_48895@yahoo.com

David Holtz, Secretary.....517-203-0758, dholtz@cleanwater.org

Dave Llewellyn.....248-366-1884, dllewell8@aol.com

At-Large Representatives

(Terms expire January 2005)

Lydia Fischer.....313-863-8392, lydfisch@mindspring.com

Mike Keeler.....810-767-9904, mikekeeler@tir.com

Helen LeBlanc.....517-655-6454, helen_48895@yahoo.com

Mike Johnson.....616-948-8840, mike-johnson52@webtv.net

Lynn Livingston.....586-795-1678, redwingnut@sprintmail.com

(Terms expire January 2006)

Jean Gramlich.....248-646-4113, jeangramlich@msn.com

Anna Holden.....313-331-0932, mqk@umd.umich.edu

David Holtz.....517-203-0758, dholtz@cleanwater.org

Sue Kelly.....810-227-9563, skelly316279MI@comcast.net

Group Representatives

Central Michigan Group

John Veenstra.....517-339-1427

Central Upper Peninsula Group

John Rebers.....906-228-3617, jrebers@nmu.edu

Crossroads Group

Lorne Beatty.....810-632-7766, lbeatty@blue-chip.us

Cheryl McConnell.....517-552-1462, mconnell_cheryl@yahoo.com

Huron Valley Group

Nancy Shiffler.....734-971-1157, nshiffler@comcast.net

Kalamazoo Valley Group

Karen Briggs.....616-948-8840, mike-johnson52@webtv.net

Nepeping Group

Thomas Haley.....810-686-6354, thaley@gfn.org

Southeast Michigan Group

Dave Llewellyn.....248-366-1884, dllewell8@aol.com

Three Lakes Group

Roger Blanchard.....906-253-9316, rblanchard@gw.issu.edu

Traverse Group

Monica Evans.....231-325-6812, imagine@betsievalley.net

West Michigan Group

Martha Lore.....616-682-1316, naturelore@comcast.net

REGIONAL GROUP CHAIRS

Central Michigan Group

Pete Pasterz.....517-676-3339, pasterz@msu.edu

Central Upper Peninsula Group

John Rebers.....906-228-3617, jrebers@nmu.edu

Crossroads Group

Rick Pearsall.....810-227-6298, rick@pearsall.com

Karen Pierce.....810-227-8521, karenpierce@comcast.net

Huron Valley Group

Doug Cowherd.....734-662-5205, aheise@wccnet.org

Mike Sklar.....248-542-1789, mssklar@comcast.net

Kalamazoo Valley Group

Paul Haas.....616-664-5417, paulhs@aol.com

Nepeping Group

Dennis Crispell.....989-624-5038, jpbkey@aol.com

Southeast Michigan Group

Jim Nash.....248-471-3759, nashlibdem@msn.com

Three Lakes Group

Roger Blanchard.....906-253-9316, rblanchard@gw.issu.edu

Traverse Group

Monica Evans.....231-325-6812, imagine@betsievalley.net

West Michigan Group

Craig Ressler.....616-891-9055, craig_ressler@yahoo.com

CHAPTER COMMITTEES

Conservation

Anna Holden.....313-331-0932, mqk@umd.umich.edu

Elections

David Holtz.....517-203-0758, dholtz@cleanwater.org

Fall Retreat

Lisa Wickman.....517-374-8089, wickmall@haslett.k12.mi.us

Wanda Bloomquist.....517-655-3380, wbloomquist@briarwoodrealty.com

Forests

Nancy Shiffler.....734-971-1157, nshiffler@comcast.net

Information Systems

Rick Pearsall.....810-227-6298, rick@pearsall.com

Inner City Outings

West Michigan: John Pulver.....616-457-5999 (days); 616-453-2480 (evenings)

Paula Ballast.....231-861-6548, logcabinballast@aol.com

Washtenaw: Susan Hollar.....washtenawico@yahoo.com

Legal

Nancy Shiffler.....734-971-1157, nshiffler@comcast.net

The Mackinac Newsletter

Kathy Boutin-Pasterz.....kathy.boutin-pasterz@sierraclub.org

Lydia Fischer.....313-863-8392, lydfisch@mindspring.com

Sheldon Green.....231-352-4931, sheldondonjulia@hotmail.com

Sherry Hayden.....810-767-9904, hayden@tir.com

David Holtz.....517-203-0758, dholtz@cleanwater.org

Eric Lagergren.....517-896-5321, eric@eblwrite.com

Davina Pallone.....801-580-7815, davina@dharmatech.org

Anne Woiwode.....517-484-2372, anne.woiwode@sierraclub.org

The Mackinac Website

Davina Pallone.....801-580-7815, davina@dharmatech.org

Mackinac Chapter History

Gwen Nystuen.....734-665-7632, gnystuen@umich.edu

Membership

Lynn Livingston.....586-795-1678, redwingnut@sprintmail.com

Nominations

Sue Kelly.....810-227-9563, skelly316279MI@comcast.net

Outings

Cheryl McConnell.....517-552-1464, mconnell_cheryl@yahoo.com

Personnel

Sue Kelly.....810-227-9563, skelly316279MI@comcast.net

Mike Keeler.....810-767-9904, mikekeeler@tir.com

Political

Tim Killeen.....313-526-4052, timk@bikerider.com

Raffle

Mike Keeler.....810-767-9904, mikekeeler@tir.com

Sexual Harassment Investigation

Sue Kelly.....810-227-9563, skelly316279MI@comcast.net

Craig Ressler.....616-891-9330, craig_ressler@yahoo.com

Sierra Club Council Delegate

Mike Johnson.....616-948-8840, mike-johnson52@webtv.net

Sierra Club Delegate to MRCC

Fred Townsend.....248-627-3587, fhtownsend@aol.com

Water

Carol Izant.....248-352-6137, cogknot@yahoo.com

In a Nutshell: Environmental Talking Points

Which is the only state to have rolled back already-weak energy codes for residential and commercial construction? If you guessed Michigan, you'd be right. Help Sierra Club members spread the word about what Michigan citizens want: cleaner air and cleaner water, and energy efficiency over the building of coal-fired polluting power plants. Cut this article out and post it where people can see the percentages!

MICHIGAN ENERGY, BY THE NUMBERS:

- Percent of fuels imported into Michigan:
 - Coal: 100%
 - Uranium: 100%
 - Oil & Petroleum Products: 96%
 - Natural Gas: 75%
- Cost of Fuel Imports:
 - Coal: \$1.1 Billion
 - Oil: \$8.2 Billion
 - Natural Gas: \$2.8 Billion
- Year when Energy Efficiency Programs ended in Michigan: 1995
- Percentage of Michiganders who believe utilities should offer energy efficiency programs: 93%
- Percentage of Michiganders who prefer funding energy efficiency rather than building more power plants: 75%
- Percentage of Michiganders who prefer building more power plants rather than funding energy efficiency: 7%
- Percentage of Michigan businesses that believe utilities should offer energy efficiency programs: 85%
- Percentage of Michigan businesses that prefer funding energy efficiency rather than building more power plants: 68%
- Percentage of Michigan businesses that prefer building more power plants rather than funding energy efficiency: 17%

Source: "Examining the Potential for Energy Efficiency in Michigan: Help for the Economy and the Environment." Prepared by The American Council for an Energy-Efficient Economy, Martin Kushler, Ph.D., Project Director; Analysis by Optimal Energy, Inc. and Vermont Energy Investment Corporation. January 2003.

POSTMASTER: Send address changes to SIERRA CLUB, 109 East Grand River Ave., Lansing, MI 48906

The Sierra Club's members are 700,000 of your friends and neighbors. Inspired by nature, we work together to protect our communities and the planet. The Club is America's oldest, largest and most influential grassroots environmental organization.



Explore, enjoy and protect the planet.